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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED FEBRUARY, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 2
RELEASE DATE: APRIL 13, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

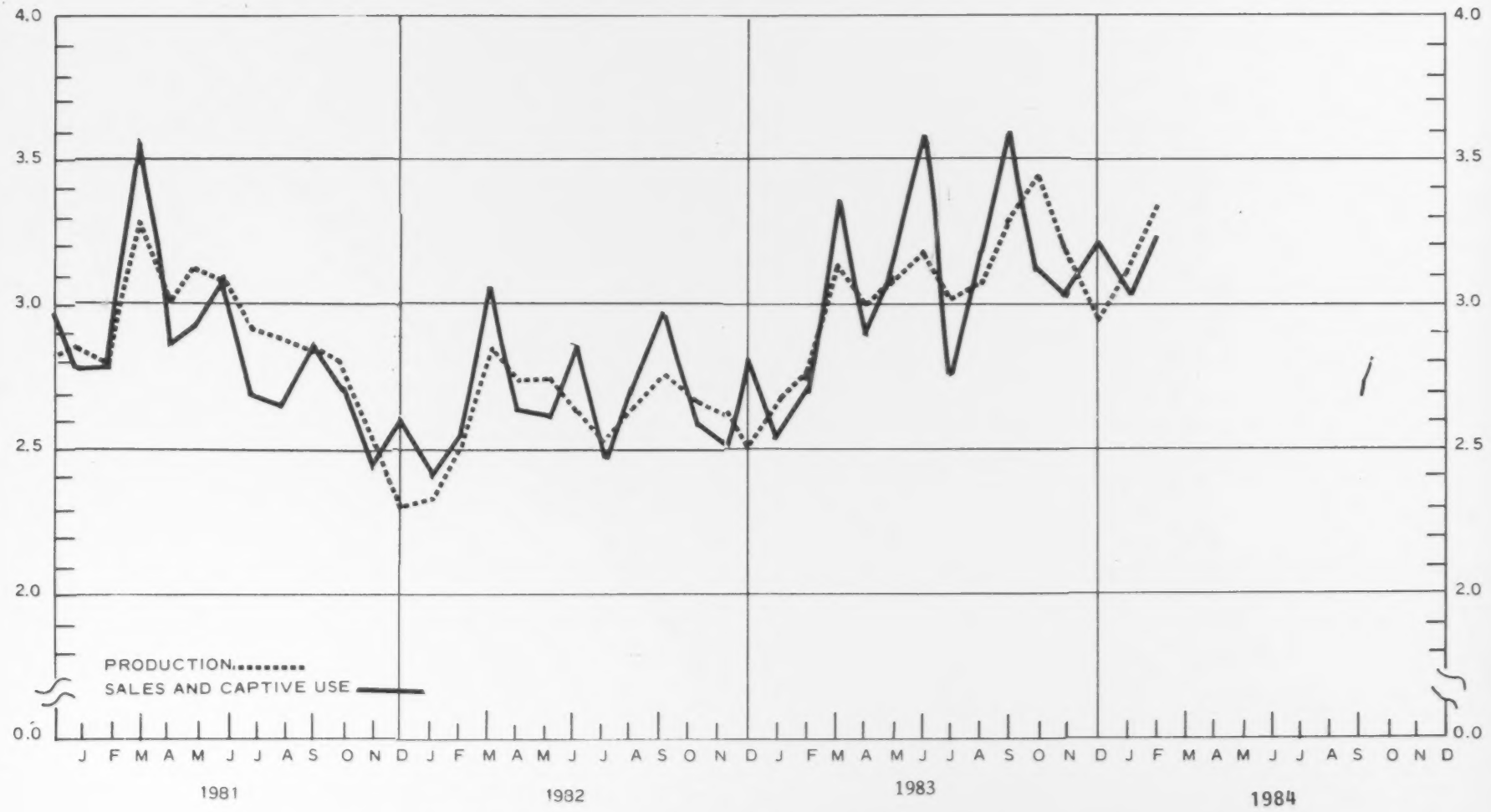
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

FEBRUARY, 1984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PRODUCTION
SALES AND CAPTIVE USE
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

FEBRUARY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	33,555	23,398	+43.4	62,262	46,955	+32.6	30,113	23,228	+29.6	58,539	45,942	+27.4
POLYESTER (UNSATURATED) RESINS, TOTAL	95,990	73,448	+30.7	188,418R	149,601	+25.9	97,085	73,694	+31.7	192,896R	151,579	+27.3
UREA RESINS, TOTAL	96,928	84,806	+14.3	193,305R	166,102	+16.4	98,041	85,710	+14.4	193,319R	165,147	+17.1
MELAMINE RESINS, TOTAL	17,025	12,775	+33.3	34,771R	26,855	+29.5	15,958	14,163	+12.7	33,061R	26,014	+27.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	212,670	189,066	+12.5	420,668	370,760	+13.5	213,377	186,106	+14.7	423,296	358,747	+18.0
THERMOSETTING RESINS, TOTAL	456,169	383,493	+19.0	899,424	760,273	+18.3	454,574	382,901	+18.7	901,111	747,429	+20.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	624,142	574,652	+8.6	1,219,824	1,134,027	+7.6	670,092	633,492	+5.8	1,358,611	1,258,348	+8.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	466,892	367,687	+27.0	887,782	742,754	+19.5	514,284	424,458	+21.2	982,700	868,428	+13.2
POLYPROPYLENE, TOTAL	376,792	328,105	+14.8	754,679	662,411	+13.9	410,009	352,675	+16.3	795,951	706,218	+12.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	126,536	99,914	+26.6	235,207	184,435	+27.5	141,345	97,854	+44.4	258,999	179,267	+44.5
POLYSTYRENE, TOTAL	298,648	261,256	+14.3	568,410	503,146	+13.0	292,653	237,318	+23.3	567,199	479,606	+18.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	63,420	48,529	+30.7	126,360	97,097	+30.1	62,276	49,090	+26.9	124,729	102,073	+22.2
NYLON RESINS, TOTAL	32,714	23,415	+39.7	63,763	45,302	+40.8	30,666	20,829	+47.2	62,481	38,692	+61.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	631,420	501,094	+26.0	1,222,502R	911,966	+34.1	593,037	457,921	+29.5	1,087,649R	863,579	+25.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,802	49,524	+16.7	118,169R	98,511	+20.0	* 57,802	* 49,524	+16.7	* 118,169R	* 98,511	+20.0
POLYVINYL ALCOHOL, TOTAL #	11,254	10,373	+8.5	23,141	20,516	+12.8	12,373	10,686	+15.8	22,136	20,839	+6.2
OTHER VINYL RESINS, TOTAL	14,131	12,867	+9.8	27,231	23,427	+16.2	14,170	13,036	+8.7	28,975	26,469	+9.5
THERMOPLASTIC POLYESTER, TOTAL	62,020	58,129	+6.7	125,583	112,615	+11.5	67,952	51,092	+33.0	132,003	105,528	+25.1
THERMOPLASTIC RESINS, TOTAL	2,765,771	2,335,545	+18.4	5,372,651R	4,536,207	+18.4	2,866,659	2,397,975	+19.5	5,539,602R	4,747,558	+16.7
GRAND TOTAL	3,221,940	2,719,038	+18.5	6,272,075R	5,296,480	+18.4	3,321,233	2,780,876	+19.4	6,440,713R	5,494,987	+17.2

(1) = Except phenolic resins which are reported on a gross weight basis
(3) = Includes ABS and SAN
(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data
D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

CRS

FEBRUARY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	15,220	10,613	+43.4	28,242	21,299	+32.6	13,659	10,536	+29.6	26,553	20,839	+27.4
POLYESTER (UNSATURATED) RESINS, TOTAL	43,541	33,316	+30.7	85,466	67,858	+25.9	44,038	33,427	+31.7	87,497	68,756	+27.3
UREA RESINS, TOTAL	43,966	38,468	+14.3	87,682	75,343	+16.4	44,471	38,878	+14.4	87,689	74,910	+17.1
MELAMINE RESINS, TOTAL	7,723	5,795	+33.3	15,772	12,181	+29.5	7,238	6,424	+12.7	14,996	11,800	+27.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	96,466	85,760	+12.5	190,814	168,176	+13.5	96,787	84,417	+14.7	192,006	162,727	+18.0
THERMOSETTING RESINS, TOTAL	206,916	173,952	+19.0	407,976	344,857	+18.3	206,193	173,682	+18.7	408,741	339,032	+20.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	283,109	260,660	+8.6	553,308	514,391	+7.6	303,953	287,350	+5.8	616,262	570,783	+8.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	211,781	166,782	+27.0	402,695	336,912	+19.5	233,278	192,533	+21.2	445,750	393,916	+13.2
POLYPROPYLENE, TOTAL	170,912	148,827	+14.8	342,320	300,467	+13.9	185,979	159,972	+16.3	361,041	320,338	+12.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	57,396	45,321	+26.6	106,689	83,659	+27.5	64,114	44,385	+44.4	117,481	81,315	+44.5
POLYSTYRENE, TOTAL	135,466	118,505	+14.3	257,829	228,226	+13.0	132,746	107,647	+23.3	257,280	217,548	+18.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	28,767	22,013	+30.7	57,316	44,043	+30.1	28,248	22,267	+26.9	56,577	46,300	+22.2
NYLON RESINS, TOTAL	14,839	10,621	+39.7	28,923	20,549	+40.8	13,910	9,448	+47.2	28,341	17,550	+61.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	286,410	227,295	+26.0	554,523	413,665	+34.1	268,999	207,712	+29.5	493,354	391,717	+25.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	26,219	22,464	+16.7	53,602	44,684	+20.0	* 26,219	* 22,464	+16.7	* 53,601	* 44,684	+20.0
POLYVINYL ALCOHOL, TOTAL #	5,105	4,705	+8.5	10,497	9,306	+17.8	5,612	4,847	+15.8	10,041	9,452	+6.2
OTHER VINYL RESINS, TOTAL	6,410	5,836	+9.8	12,352	10,626	+16.2	6,427	5,913	+8.7	13,143	12,007	+9.5
THERMOPLASTIC POLYESTER, TOTAL	28,132	26,367	+6.7	56,964	51,082	+11.5	30,823	23,175	+33.0	59,876	47,868	+25.1
THERMOPLASTIC RESINS, TOTAL	1,254,546	1,059,396	+18.4	2,437,018	2,057,610	+18.4	1,300,308	1,087,714	+19.5	2,512,747	2,153,478	+16.7
GRAND TOTAL	1,461,462	1,233,348	+18.5	2,844,994	2,402,467	+18.4	1,506,501	1,261,396	+19.4	2,921,488	2,492,510	+17.2

(1) = Except phenolic resins which are reported on a gross weight basis
(3) = Includes ABS and SAN
(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data
D = Disclosure

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For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	33,555	23,398	+43.4	62,262	46,955	+32.6	30,113	23,228	+29.6	58,539	45,942	+27.4
Total Exports	2,234	2,103	+6.2	5,319	3,783	+40.6						
Total Domestic	31,321	21,295	+47.1	56,943	43,172	+31.9						
Bonding & Adhesives	1,689	1,090	+55.0	3,153	2,301	+37.0						
Flooring, Paving & Exposed Aggregate	1,757	1,473	+19.3	3,116	2,638	+18.1						
Protective Coatings	14,470	9,542	+51.6	25,665	20,150	+27.4						
Fiber Reinforced Laminates & Composites, Total	8,141	5,008	+62.6	14,975	9,793	+52.9						
FRL&C for Printed Wiring Board	6,151	3,628	+69.5	11,381	6,963	+63.4						
All Other FRL&C	1,990	1,380	+44.2	3,594	2,830	+27.0						
Tooling, Casting & Molding Resins	3,350	1,822	+83.9	5,867	4,041	+45.2						
All Other Uses	1,914	2,360	-18.9	4,167	4,249	-1.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	95,990	73,448	+30.7	188,418R	149,601	+25.9	97,085	73,694	+31.7	192,896R	151,579	+27.3
Total Exports	639	712	-10.3	1,093R	1,556	-29.8						
Total Domestic	95,351	72,736	+31.1	187,325R	148,045	+26.5						
General Purpose Resins, Total	84,879	64,528	+31.5	167,820R	131,091	+28.0						
General Purpose — Thixotropic	38,291	28,474	+34.5	75,455R	56,611	+33.3						
General Purpose — Press Molding	14,199	9,529	+49.0	29,137R	20,261	+43.8						
General Purpose — All Other	32,389	26,525	+22.1	63,228R	54,219	+16.6						
Flame Retardant Resins	1,838	1,477	+24.4	3,278R	3,099	+5.8						
Chemical Resistant Resins	8,634	6,731	+28.3	16,227R	13,855	+17.1						
Chemical Resistant Isophthalic Resins	5,948	4,629	+28.5	11,208R	9,723	+15.3						
All Other Chemical Resistant Resins	2,686	2,102	+27.8	5,019R	4,132	+21.5						
Reinforced Plastics, Total	73,538	55,241	+33.1	143,975R	113,075	+27.3						
Non-Reinforced Plastics, Total	21,813	17,495	+24.7	43,350R	34,970	+24.0						

R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	96,928	84,806	+14.3	193,305R	166,102	+16.4	98,041	85,710	+14.4	193,319R	165,147	+17.1
MELAMINE RESINS, TOTAL	17,026	12,775	+33.3	34,771R	26,855	+29.5	15,958	14,163	+12.7	33,061R	26,014	+27.1
UREA & MELAMINE RESINS, TOTAL	113,954	97,581	+16.8	228,076R	192,957	+18.2	113,999	99,873	+14.1	226,380R	191,161	+18.4
Total Exports	D	D		D	D							
Total Domestic *	113,954	97,581	+16.8	228,076	192,957	+18.2						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	8,583	4,534	+89.3	18,282	8,784	+108.1	8,742	8,681	+0.7	17,744R	16,970	+4.6
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	84,480	72,460	+16.6	168,055	140,967	+19.2	84,951	73,321	+15.9	168,039R	142,6[illegible]	+17.8
Laminating	3,710	2,829	+31.1	7,538	6,135	+22.9	3,587	2,934	+22.3	7,289	6,2[illegible]	+16.5
Plywood	4,367	5,100	-14.4	9,653	8,888	+8.6	4,718	5,164	-8.6	10,049R	9,210	+9.1
Fibrous & Granulated Wood (Particle Board)	76,403	64,531	+18.4	150,864	125,944	+19.8	76,646	65,223	+17.5	150,701	127,203	+18.5
Protective Coatings (Straight & Modified)	6,941	5,653	+22.8	13,097	12,008	+9.1	7,691	6,841	+12.4	15,721	11,454	+37.3
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	13,950	14,934	-6.6	28,642	31,198	-8.2	12,615	11,030	+14.4	24,876	20,070	+24.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	212,670	189,066	+12.5	420,668	370,760	+13.5	213,377	186,106	+14.7	423,296	358,747	+18.0
Total Exports	1,620	1,510	+7.3	3,160	3,314	-4.6						
Total Domestic	211,050	187,556	+12.5	417,508	367,446	+13.6						
Molding Compounds	23,110	18,158	+27.3	44,862	31,725	+41.4	24,929	19,761	+26.2	46,870	34,781	+34.8
Bonding & Adhesive Resins for:	183,695	165,524	+11.0	364,556	328,017	+11.1	183,889	162,835	+12.9	367,787	316,371	+16.3
Laminating	14,044	11,550	+21.6	27,850	24,731	+12.6	14,095	9,613	+46.6	28,071	19,722	+42.3
Coated & Bonded Abrasives	2,307	2,365	-2.5	5,366	4,032	+33.1	2,298	2,454	-6.4	5,241	3,926	+33.5
Friction Materials	3,390	1,949	+73.9	6,293	3,836	+64.1	3,191	2,213	+44.2	6,051	4,173	+45.0
Insulation Materials	27,637	25,513	+8.3	57,299	48,349	+18.5	27,826	24,297	+14.5	57,377	43,764	+31.1
Foundry & Shell Molding	6,395	5,331	+20.0	12,353	10,188	+21.3	6,688	5,632	+18.8	12,665	10,505	+20.6
Plywood	105,306	97,789	+7.7	210,054	194,044	+8.3	105,387	96,691	+9.0	212,530	190,750	+11.4
Fibrous & Granulated Wood	16,582	14,815	+11.9	29,730	29,847	-0.4	16,528	14,668	+12.7	30,111	29,338	+2.6
Resins Sold to Rubber Industry	2,668	1,892	+41.0	5,903	4,068	+45.1	2,458	2,766	-11.1	6,043	5,050	+19.7
All Other	5,366	4,320	+24.2	9,708	8,922	+8.8	5,418	4,501	+20.4	9,698	9,143	+6.1
Protective Coatings — Unmodified & Modified	1,938	1,489	+30.2	3,878	2,912	+33.2	1,934	1,250	+54.7	3,827	2,971	+28.8
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,307	2,385	-3.3	4,212	4,792	-12.1	2,625	2,260	+16.2	4,812	4,624	+4.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

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= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

R = Revision

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	624,142	574,652	+8.6	1,219,824	1,134,027	+7.6	670,092	633,492	+5.8	1,358,611	1,258,348	+8.0
Total Exports	44,763	65,556	-31.7	90,103	129,764	-30.6						
Total Domestic	579,379	509,096	+13.8	1,129,721	1,004,263	+12.5						
Film (12 Mils & Below)	342,787	312,924	+9.5	695,041R	637,660	+9.0						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	54,071	50,948	+6.1	92,408R	88,722	+4.2						
Wire & Cable	33,119	24,901	+33.0	60,789	49,353	+23.2						
Extrusion Coating	59,854	42,015	+42.5	107,010	81,668	+31.0						
Blow Molding	3,443	3,260	+5.6	6,815	5,759	+18.3						
Pipe & Conduit, Total	2,861	2,379	+20.3	5,732	3,167	+81.0						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,384	6,271	+1.8	13,152R	11,568	+13.7						
All Other Uses	76,860	66,398	+16.8	148,774R	126,366	+17.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	466,892	367,687	+27.0	887,782	742,754	+19.5	514,284	424,458	+21.2	982,700	868,428	+13.2
Total Exports	62,972	66,857	-5.8	109,949	127,732	-13.9						
Total Domestic	403,920	300,830	+34.3	777,833	615,022	+26.5						
Film (12 Mils & Below)	24,603	26,230	-6.2	47,970	52,553	-8.7						
Sheet (Over 12 Mils)	7,231	4,222	+71.3	14,980	12,004	+24.8						
Injection Molding	97,518	67,146	+45.2	183,446	142,667	+28.6						
Wire & Cable	9,777	9,021	+8.4	17,959	17,965	0.0						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	167,550	123,333	+35.9	331,605	252,035	+31.6						
Pipe & Conduit, Total	39,346	22,643	+73.8	64,545	44,825	+44.0						
Corrugated Pipe & Conduit	9,861	9,498	+3.8	16,690	19,569	-14.7						
Non-Corrugated Pipe & Conduit	29,485	13,145	+124.3	47,855	25,256	+89.5						
Other Extruded Products	3,172	2,230	+42.2	6,280	5,391	+16.5						
All Other Uses	54,723	46,005	+19.0	111,048	87,582	+26.8						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film
R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	376,792	328,105	+14.8	754,679	662,411	+13.9	410,009	352,675	+16.3	795,951	706,218	+12.7
Total Exports	38,756	62,337	-37.8	99,295	130,328	-23.8						
Total Domestic	238,036	265,768	+27.2	655,384	532,083	+23.2						
Injection Molding	115,648	89,040	+29.9	221,581	182,266	+21.6						
Appliances	10,863	7,244	+50.0	19,703	14,819	+33.0						
Consumer Products	25,993	24,319	+6.9	48,477	48,494	0.0						
Rigid Packaging	28,635	27,513	+4.1	54,573	55,572	-1.8						
Transportation	30,682	19,218	+59.7	60,709	41,677	+45.7						
All Other Injection Molding	19,475	10,746	+81.2	38,119	21,704	+75.6						
Blow Molding	9,732	5,991	+62.4	17,876	13,325	+34.2						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	30,584	28,912	+5.8	61,714	56,729	+8.8						
Sheet (Over 10 Mils)	4,150	1,345	+208.6	8,153	3,717	+119.3						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	114,601	84,276	+36.0	224,953	172,156	+30.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	7,719	9,471	-18.5	16,222	15,177	+6.9						
Resellers & Compounders	38,352	34,940	+9.8	68,772R	62,559	+9.9						
All Other Uses	17,250	11,793	+46.3	36,113R	26,154	+38.1						

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= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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THERMOPLASTIC RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	126,536	99,914	+26.6	235,207	184,435	+27.5	141,345	97,854	+44.4	258,999	179,267	+44.5
Total Export	14,305	10,409	+37.4	23,076	18,225	+26.6						
Total Domestic	112,231	89,505	+25.4	212,131	166,210	+27.6						
Molding & Extrusion	106,401	84,438	+26.0	201,673	157,152	+28.3						
Coatings	5,830	5,067	+15.0	10,458	9,058	+15.4						
POLYSTYRENE RESINS, TOTAL	298,648	261,256	+14.3	568,410	503,146	+13.0	292,653	237,318	+23.3	567,199	479,606	+18.3
Straight Polystyrene	156,534	132,059	+18.5	296,276	261,710	+13.2	150,863	126,142	+19.6	290,247	259,843	+11.7
Rubber-Modified Polystyrene	142,114	129,197	+10.0	272,134	241,436	+12.7	141,790	111,176	+27.5	276,952	219,763	+26.0
Total Exports	6,680	7,000	-4.6	13,898	12,057	+15.3						
Straight Polystyrene	4,303	3,369	+27.7	7,628	6,380	+19.6						
Rubber-Modified Polystyrene	2,377	3,631	-34.5	6,270	5,677	+10.4						
Total Domestic	291,968	254,256	+14.8	554,512	491,089	+12.9						
Molding	99,681	105,679	-5.7	203,413	204,417	-0.5						
Extrusion	114,726	95,402	+20.3	211,594	177,973	+18.9						
Expandable Polystyrene Beads	35,863	31,514	+13.8	69,810	63,376	+10.2						
All Other Uses	41,698	21,661	+92.5	69,695	45,323	+53.8						
Polystyrene End Uses, Total**	291,968	254,256	+14.8	554,512	491,089	+12.9						
Packaging	75,312	65,006	+15.9	144,228	120,378	+19.8						
Disposables	41,995	29,816	+40.8	79,710	60,918	+30.8						
Consumer and Institutional Products	40,307	43,275	-6.9	77,935	78,063	-0.2						
Electrical/Electronics	20,915	24,694	-15.3	36,559	52,422	-30.3						
Furniture, Furnishings, Building & Construction	13,812	11,900	+16.1	26,572	23,077	+15.1						
Expandable Polystyrene Beads	35,863	31,514	+13.8	69,810	63,376	+10.2						
All Other End Uses	63,764	48,051	+32.7	119,698	92,855	+28.9						

(3) = Includes ABS and SAN

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**Portions of the End Use Section are estimated.

D = Disclosure

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL*	63,420	48,529	+30.7	126,360	97,097	+30.1	62,276	49,090	+26.9	124,729	102,073	+22.2
Paper Treating	3,345	2,320	+44.2	6,034	4,593	+31.4						
Textile Treating	1,709	1,564	+9.3	3,017	3,200	-5.7						
Carpet Backing	25,844	19,737	+30.9	49,610	38,693	+28.2						
All Other Uses (Including Exports & Paper Coating)	32,522	24,908	+30.6	67,699	50,611	+33.8						
NYLON RESINS, TOTAL	32,714	23,415	+39.7	63,763	45,302	+40.8	30,666	20,829	+47.2	62,481	38,692	+61.5
Total Exports	1,277	1,444	-11.6	2,811	2,783	+1.0						
Total Domestic	31,437	21,971	+43.1	60,952	42,519	+43.4						
Injection Molding Grade	21,590	13,931	+55.0	42,170	26,405	+59.7						
Extrusion Grade	7,467	6,635	+12.5	14,609	13,530	+8.0						
Resellers and Compounders	1,961	935	+109.7	3,397	1,703	+99.5						
All Other Uses	419	470	-10.9	776	881	-11.9						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

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THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	631,420	501,094	+26.0	1,222,502R	911,966	+34.1	593,037	457,921	+29.5	1,087,649R	863,579	+25.9
Homopolymer Resins Including Blending & Latex	568,837	448,809	+26.7	1,106,585R	809,960	+36.6	532,979	410,275	+29.9	975,674R	769,745	+26.8
Copolymer Resins Including Blending & Latex	24,728	20,493	+20.7	48,810	40,169	+21.5	24,044	21,443	+12.1	46,909	41,186	+13.9
Dispersion Resins	37,855	31,792	+19.1	67,107R	61,837	+8.5	36,014	26,203	+37.4	65,066R	52,648	+23.6
Total Exports	48,743	48,716	0.0	81,672R	91,464	-10.7						
Total Domestic	582,677	452,378	+28.8	1,140,830R	820,502	+39.0						
Calendering, Total	63,638	58,905	+8.0	127,444R	107,007	+19.1						
Flooring	14,138	12,866	+9.9	26,257R	22,458	+16.9						
Textile	9,962	9,678	+2.9	20,906R	16,160	+29.4						
All Other Calendering Uses	39,538	36,361	+8.7	80,281	68,389	+17.4						
Coating, Total	30,485	28,553	+6.8	59,151R	54,178	+9.2						
Flooring	10,214	11,254	-9.2	18,664	22,260	-16.2						
Textile & Paper Coating	10,579	9,103	+16.2	19,385R	17,635	+9.9						
Protective Coatings	4,667	3,950	+18.2	8,205	6,993	+17.3						
Adhesives & All Other Coating Uses	5,025	4,246	+18.3	12,897	7,290	+76.9						
Extrusion, Total	385,526	277,173	+39.1	743,615R	501,753	+48.2						
Wire & Cable	42,040	28,229	+48.9	76,274R	51,382	+48.4						
Film & Sheet	26,926	22,665	+18.8	53,057R	43,785	+21.2						
Rigid Pipe & Tubing (Except Fittings)	259,407	182,063	+42.5	499,947R	324,582	+54.0						
All Other Extrusions	57,153	44,216	+29.3	114,337R	82,004	+39.4						
Molding, Total	41,796	33,144	+26.1	85,664R	59,597	+43.7						
Bottles	17,197	11,508	+49.4	35,370R	19,243	+83.8						
Sound Records	8,188	5,257	+55.8	13,540	10,708	+26.4						
Fittings (Rigid Pipe & Tubing)	9,512	9,790	-2.8	21,149R	16,646	+27.1						
All Other Molding	6,899	6,589	+4.7	15,605R	13,000	+20.0						
Paste Processes (Except Coating)	15,461	14,531	+6.4	28,134R	26,459	+6.3						
Plastisol Formulation	8,557	8,888	-3.7	16,305R	14,613	+11.6						
All Other	6,904	5,643	+22.3	11,829R	11,846	-0.1						
Resellers & Compounders	19,015	15,749	+20.7	33,082R	30,640	+8.0						
All Other Uses	26,756	24,323	+10.0	63,740R	40,868	+56.0						

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SECTION I

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

FEBRUARY 1984

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,802	49,524	+16.7	118,169R	98,511	+20.0						
Total Exports	434	589	-26.3	710R	1,171	-39.4						
Total Domestic	57,368	48,935	+17.2	117,459R	97,340	+20.7						
Emulsion Paints	17,346	15,861	+9.4	36,526R	30,017	+21.7						
Adhesives, Caulks and Sealants	23,580	19,696	+19.7	46,689R	39,900	+17.0						
Paper Treating & Paper Coating	9,504	7,925	+19.9	20,104	16,235	+23.8						
Textile Treating	2,099	1,270	+65.3	4,367R	2,627	+66.2						
Non-Woven Binders	2,636	2,196	+20.0	5,291R	4,670	+13.3						
All Other Uses	2,203	1,987	+10.9	4,482	3,891	+15.2						
POLYVINYL ALCOHOL, TOTAL #	11,254	10,373	+8.5	23,141	20,516	+12.8	12,373	10,686	+15.8	22,136	20,839	+6.2
Total Exports	1,556	1,591	-2.2	3,888	2,704	+43.8						
Total Domestic	9,698	8,782	+10.4	19,253	17,812	+8.1						
OTHER VINYL RESINS*, TOTAL	14,131	12,867	+9.8	27,231	23,427	+16.2	14,170	13,036	+8.7	28,975	26,469	+9.5
Total Exports	3,589	2,957	+21.4	6,929	5,726	+21.0						
Total Domestic	10,542	9,910	+6.4	20,302	17,701	+14.7						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	62,020	58,129	+6.7	125,583	112,615	+11.5	67,952	51,092	+33.0	132,003	105,528	+25.1
Total Exports	4,906	4,861	+0.9	15,622	10,213	+53.0						
Total Domestic	57,114	53,268	+7.2	109,961	102,402	+7.4						
PET Bottle Grades	39,654	39,981	-0.8	75,560	77,867	-3.0						
All Other Thermoplastic Polyester**	17,460	13,287	+31.4	34,401	24,535	+40.2						

**Includes All Other PET and All Injection Molding Grades

= Includes imputed data

R = Revision

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